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ABRIDGED TEST REPORT No. 345811

(This document is based on test report No. 345803/10975/CPR issued by Istituto Giordano in date 12/10/2017)

Place and date of issue: Bellaria-Igea Marina - Italy, 12/10/2017

Customer: ELVIAL S.A. - 25th km New National Road Thessaloniki-Kiklis - 61100 KILKIS - Greece

Date testing requested: 20/12/2016

Order number and date: 71787, 20/12/2016

Date technical documentation received: from 06/12/2016 to 12/01/2017

Date of testing: from 09/01/2017 to 13/01/2017

Purpose of testing: calculation of thermal transmittance of frames constructed from aluminium profiles with thermal break in accordance with standard UNI EN ISO 10077-2:2012/EC 1-2012, with reference to harmonised standard UNI EN 14351-1:2010

Place of testing: Istituto Giordano S.p.A. - Blocco 2 - Via Gioacchino Rossini, 2 - 47814 Bellaria-Igea Marina (RN) - Italy

Technical documentation origin: supplied by Customer

Description of item under examination*

The item for which the calculation is performed, called "ELVIAL 4600BS", consists of frames having aluminium profiles with polyamide strips to provide thermal break. The cavities between the polyamide bars are filled with "ELVIAL I2 FOAM" and in the cavity of the junction with the glazing there is a strip of polyethylene foam.

Test results

Frame thermal transmittance values calculated in accordance with standard UNI EN ISO 10077-2, including fixed and moveable parts, with reference to the widths given in the table, are:

Section	Width considered "b_f" [mm]	Thermal transmittance "U_f" [W/(m² · K)]	Thermal transmittance** "U_f" [W/(m² · K)]
4761	68,2	**1,77**	**1,8**
4761_4763	72,7	**4,02**	**4,0**

(**) value rounded to the second significant digit.

As regards the description of item under examination, test methods, test results and everything else necessary for the identification of the work carried out, please see test report No. 345803/10975/CPR issued by Istituto Giordano on 12/10/2017.

(*) according to that stated by the Customer.

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Comp. AV Revis. CC	This abridged test report consists of 1 sheet.	Sheet 1 of 1

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